

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions,
and listings, of claims in the application:

LISTING OF CLAIMS:

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1-25. (canceled)

26. (original) A device for editing video recorded in a disc storage medium, comprising:

- means for compressing and encoding the content of video to be stored in the disc storage medium;
- means for storing the encoded video and audio data in the disc storage medium as data file for each of the contents;
- means for preparing a map file of position data of the recorded video and audio data;
- means for reading and decoding the recorded data file;
- memory means for storing, as file management data, a program management file that manages the stream of data; and
- input means for inputting an editing instruction;

wherein the program management file stores the result of the data file erased or combined by an operation input from the input means in a unit of a predetermined processing including a plurality of frames of the data file; and

means is provided for picking up and reproduce the encoded video in the recorded frames according to a predetermined order in compliance with the input of operation.

27. (original) A device for editing video recorded in a disc storage medium according to claim 26, wherein said contents are compressed and encoded in compliance with MPEG2, said unit of the predetermined processing including the plurality of frames is the unit of GOP, and said intraframe encoding video is an I-Picture.

28-46. (canceled)

47. (original) A method of editing stored data, wherein:

as a map file, there are stored in a disc storage medium position data and the number of blocks in a unit of a predetermined processing including a plurality of frames of the compression-encoded video and/or audio data, the number of blocks of the intraframe encoding video in the unit of the predetermined processing, and the position data of a start frame and the position data of an end frame in the unit of the predetermined processing;

a data file of the recorded video and/or audio is stored in a program management file in any order without being edited, so as to specify the position of the video and/or audio data; and

the program management file is stored in a region for storing the file management data that manage the file of the disc storage medium.

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48. (original) A method of editing stored data, wherein:

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as a map file, there are stored in a disc storage medium position data and the number of blocks in a unit of a predetermined processing including a plurality of frames of the compression-encoded video and/or audio data, and the position data of a start frame and the position data of an end frame in the unit of the predetermined processing;

a file of the recorded video and/or audio data is erased in the unit of the predetermined processing;

the data file is stored in a program management file so as to specify the position of the video and/or audio data, so that playback can be continuously effected; and

the program management file is stored in a region for storing the file management data that manage the file of the disc storage medium.

49. (original) A method of editing the stored data according to claim 48, wherein a correlation management file is provided to show the file of video and/or audio data referred to by the program management file, and when a reference is made by another program management file to the file of video and/or audio

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data that is to be edited inclusive of erasing the stored data,
the editing is inhibited unless said another program management
file is edited first.

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50. (original) A method of editing the stored data
according to claim 48, wherein a correlation management file is
provided to show the file of video and/or audio data referred to
by the program management file, and when a reference is made by
another program management file to the file of video and/or audio
data that is to be edited inclusive of erasing the stored data,
the position data that is changed by erasing or combination is
automatically updated and said another program management file is
automatically constituted again.

51. (original) A device for editing record in a disc
storage medium, comprising:

means for compressing and encoding video and/or audio
data to be stored in the disc storage medium;

means for storing the encoded video and/or audio data
as data file for each of the contents;

means for preparing a map file storing the position
data and the number of blocks in a unit of a predetermined
processing including a plurality of frames of the stored video
and/or audio data, and the number of blocks of the intraframe
encoding video in the unit of the predetermined processing;

means for reading and decoding the recorded data file;

memory means for storing, as file management data, a
program management file that manages the stream of the data file;
and

input means for inputting an editing instruction;

wherein the program management file stores the result
of erasing or combining the data file by an operation input from
the input means in the unit of the predetermined processing of
the data file.

52-66. (canceled)

67. (original) A method of editing stored video by
recording in a disc storage medium, as a map file, position data
of the compression-encoded video and audio data in a unit of a
predetermined processing including a plurality of frames, editing
a file of the recorded video and audio data in the unit of the
predetermined processing, storing the file in a program
management file so as to specify the positions of the video data
and audio data having continuing results of editing, and storing
the program management file in a region for storing the file
management data that manage the file of the disc storage medium,
wherein:

a region for storing the audio data corresponding to
the processed video data is provided for every unit of the
predetermined processing;

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position data of the audio data stored in the region for storing the audio data are stored in the program management file; and

the audio data stored in the region for storing the audio data are updated or added.

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68. (original) A method of editing the stored video according to claim 67, wherein the region for storing the audio data is provided with a free region for adding new audio data.

69. (original) A device for editing video recorded in a disc storage medium, comprising:

means for compressing and encoding the content of video to be stored in a disc storage medium;

means for storing the encoded video and audio data as a data file in the disc storage medium for each of the contents;

means for preparing a map file of position data of the recorded video data and audio data;

means for reading and decoding the recorded data file;

memory means for storing, as file management data, a program management file that manages the stream of data file; and

input means for inputting an editing instruction;

wherein the program management file stores the result of the data file erased or combined by an operation input from the input means in a unit of a predetermined processing including a plurality of frames of the data file.